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*Copy 2*CORRELATION OF GROUND PHOTOGRAPHY WITH KH-7
SIMFEROPOL SPACE TRACKING FACILITY, USSR

1. THE EARTH SATELLITE TRACKING FACILITY AT SIMFEROPOL IS PROBABLY THE MOST IMPORTANT STATION IN THE USSR FOR TRACKING NEAR-SPACE ORBITING OBJECTS.

2. THIS INSTALLATION WAS FIRST IDENTIFIED [REDACTED] AT WHICH TIME 3 ASTRO-ORIENTED DISHES, 2 BUILDINGS (EACH WITH A PROBABLE DISH ANTENNA), AN INTERFEROMETER UNDER CONSTRUCTION, MISCELLANEOUS OTHER TELEMETRIC EQUIPMENT, AND VARIOUS COMMUNICATIONS FACILITIES WERE OBSERVED. NINE MISSIONS, [REDACTED] HAVE SUBSEQUENTLY [REDACTED] COVERED THIS FACILITY.

3. RECENT GROUND PHOTOGRAPHY [REDACTED] PROVIDED [REDACTED] GOOD COVERAGE OF THE SIMFEROPOL FACILITY. THIS PHOTOGRAPHY, CORRELATED WITH [REDACTED] PRESENTS THE FOLLOWING ITEMS OF SIGNIFICANT INTEREST. INTELLIGENCE INFORMATION THROUGH [REDACTED] IS INCLUDED.

1-3) A 30 METER RADIO TELESCOPE (#2) AND AN EARTH SATELLITE VEHICLE TRACKING FACILITY COMPOSED OF 2 ESV TRACKING RADARS HOUSED IN ENVIRONMENTAL RADOMES, EACH ATOP AN 80 X 55 FOOT BUILDING (#1 & 3);

[REDACTED]
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GROUP 1
Excluded from automatic
downgrading and
declassification

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- 4-6) A NEW CALIBRATION TOWER (#4), A NEWLY IDENTIFIED TELEMETRY ARRAY (#5), AND A MICROWAVE TOWER WITH 2 DISHES (#6) LOCATED NEAR THE MAIN CONTROL BUILDING;
- 7) TWO NEW PROBABLE TRACKING DISHES AND A NEW PROBABLE TELEMETRY ARRAY, PROBABLY MOUNTED NEAR THE RECENTLY COMPLETED CONTROL-TYPE BUILDING SOUTH OF THE ESV TRACKING FACILITY;
- 8) A 16 ELEMENT (4 ROWS OF 4), NEWLY IDENTIFIED HELIX TELEMETRY ARRAY, LOCATED AT THE SW CORNER OF A NEW BUILDING AT THE TELEMETRY COLLECTION SITE;
- 9) A NEWLY IDENTIFIED LARGE PROBABLE TRACKING DISH MOUNTING STRUCTURE;
- 10) AN OVERHEAD GUIDE CRANE, POSITIONED ACROSS THE ANTENNA MOUNTING STRUCTURE, OF A SIZE FOR ELEVATING A LARGE TRACKING ANTENNA, POSSIBLY SIMILAR TO THE 30 METER TRACKING DISH;
- 11) A 2 ELEMENT HELIX ARRAY (PROBABLE TELEMETRY), PREVIOUSLY IDENTIFIED AS A VHF TRACKING ANTENNA (NPIC R 293/64), MOUNTED ON THE NORTHERNMOST CONTROL BUILDING.

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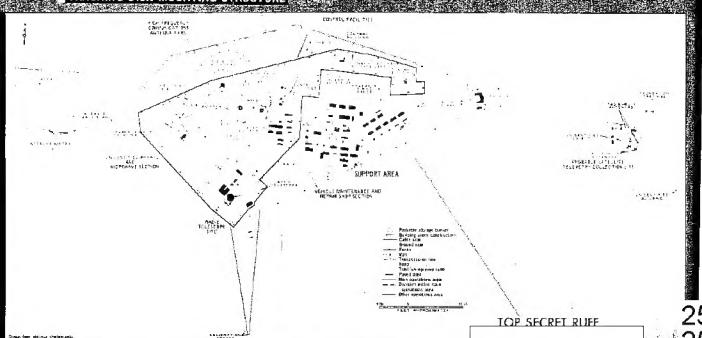
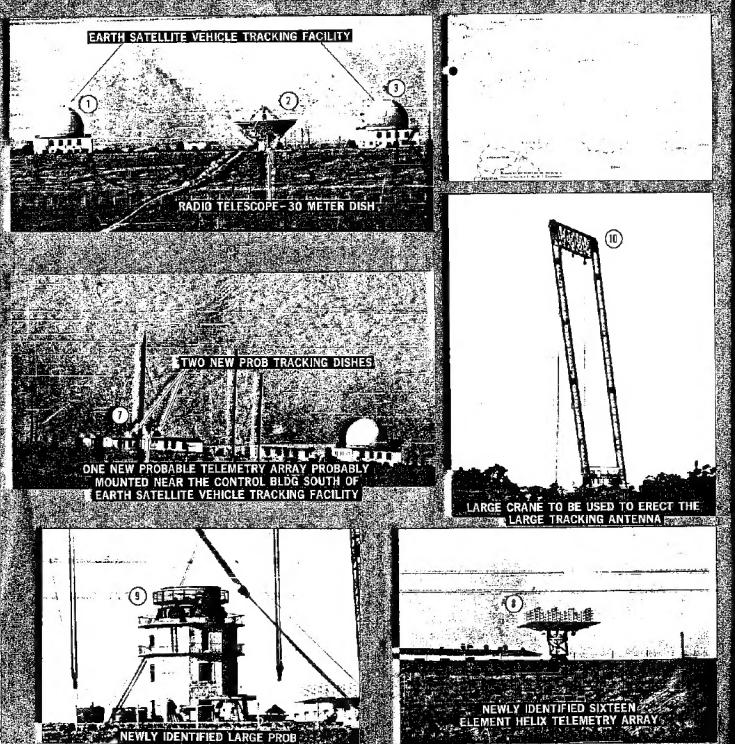
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Approved For Release 2009/08/14 : CIA-RDP84T00864R000100030005-5
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SPACE TRACKING FACILITY, SIMFEROPOL, USSR.**
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